

Water-Data Report 2008

01439800 BIG FLAT BROOK NEAR HAINESVILLE, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 41°12'25" (revised), long 74°48'13" referenced to North American Datum of 1983, Sandyston Township, Sussex County, NJ, Hydrologic Unit 02040104, on downstream left wingwall of bridge on US Route 206 near Hainesville, 0.6 mi north of County Route 560, 2.9 mi north of Culvers Lake on US Route 206, and 6.9 mi south of Montague.

DRAINAGE AREA.--22.8 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1959-64, 1966, 2002. Continuous-record gaging station, May 2008 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 540 ft NAVD 88 (from topographic map).

REMARKS.--Records fair. Several measurements of water temperature were made during the water year. Satellite gage-height telemetry at station.

01439800 Big Flat Brook near Hainesville, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	48	21	6.6	4.8	3.6
2	---	---	---	---	---	---	---	53	17	6.5	17	3.4
3	---	---	---	---	---	---	---	45	16	6.0	16	3.3
4	---	---	---	---	---	---	---	52	18	6.3	8.7	3.2
5	---	---	---	---	---	---	---	42	18	7.9	6.5	3.2
6	---	---	---	---	---	---	---	34	16	13	39	25
7	---	---	---	---	---	---	---	31	14	9.2	19	45
8	---	---	---	---	---	---	---	30	15	7.0	11	13
9	---	---	---	---	---	---	---	43	14	6.6	8.0	78
10	---	---	---	---	---	---	---	64	13	6.7	6.7	47
11	---	---	---	---	---	---	---	40	20	5.5	7.5	20
12	---	---	---	---	---	---	---	32	13	4.9	12	16
13	---	---	---	---	---	---	---	29	12	4.6	8.3	22
14	---	---	---	---	---	---	---	26	9.6	9.6	14	18
15	---	---	---	---	---	---	---	25	11	7.6	15	12
16	---	---	---	---	---	---	---	54	9.5	5.5	12	9.5
17	---	---	---	---	---	---	---	139	9.2	4.9	8.3	8.6
18	---	---	---	---	---	---	---	66	9.3	5.2	6.6	7.9
19	---	---	---	---	---	---	---	55	9.1	5.8	5.7	7.3
20	---	---	---	---	---	---	---	44	8.9	4.6	5.1	6.8
21	---	---	---	---	---	---	---	46	12	4.2	4.8	6.6
22	---	---	---	---	---	---	---	40	9.3	4.0	4.5	6.2
23	---	---	---	---	---	---	---	34	8.4	4.8	4.2	6.0
24	---	---	---	---	---	---	---	29	7.8	34	4.1	6.4
25	---	---	---	---	---	---	---	25	6.9	20	4.1	8.2
26	---	---	---	---	---	---	---	22	6.6	11	3.8	25
27	---	---	---	---	---	---	---	25	6.7	9.2	3.7	22
28	---	---	---	---	---	---	---	42	6.7	8.2	3.5	22
29	---	---	---	---	---	---	---	25	6.9	6.4	3.4	45
30	---	---	---	---	---	---	---	21	7.4	5.6	4.4	24
31	---	---	---	---	---	---	---	18	---	5.1	4.1	---
Total	---	---	---	---	---	---	---	1,279	352.3	246.5	275.8	524.2
Mean	---	---	---	---	---	---	---	41.3	11.7	7.95	8.90	17.5
Max	---	---	---	---	---	---	---	139	21	34	39	78
Min	---	---	---	---	---	---	---	18	6.6	4.0	3.4	3.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	41.3	11.7	7.95	8.90	17.5
Max	---	---	---	---	---	---	---	41.3	11.7	7.95	8.90	17.5
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2008)	(2008)	(2008)	(2008)	(2008)
Min	---	---	---	---	---	---	---	41.3	11.7	7.95	8.90	17.5
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2008)	(2008)	(2008)	(2008)	(2008)

01439800 Big Flat Brook near Hainesville, NJ—Continued

SUMMARY STATISTICS

	May 1 – Sep 30, 2008		Water Years 1959 - 2008	
Highest daily mean	139	May 17	139	May 17, 2008
Lowest daily mean	3.2	Sep 4, 5	3.2	Sep 4, 5, 2008
Maximum peak flow	197	May 17	197	May 17, 2008
Maximum peak stage	5.17	May 17	5.17	May 17, 2008
Instantaneous low flow	3.2	Sep 3-6	1.09	Sep 18, 1964

